Extron® Electronics

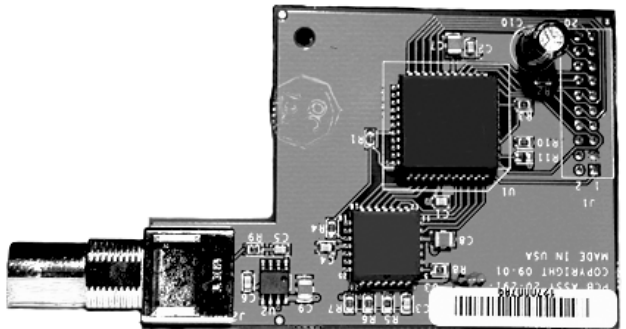INTERFACING, SWITCHING AND DISTRIBUTION

User's Guide

VSC 700/900 SDI Output Card

70-065-02 Upgrade Kit

Installation

Installing the SDI Ouput Card

The SDI output card may be installed in the VSC 700/900 by following the instructions and illustrations shown below.

Cover removal

1. Remove the power cable from the VSC and from the power source.

   WARNING *Do not open the cover of the scan converter without unplugging the power cord.*

2. If the VSC scan converter is rack mounted, detach the input and output cables from it and remove the unit from the rack. If the VSC is not rack mounted, you do not need to remove the input and output cables.

3. Remove 14 screws from the top and sides of the cover (figure 1) of the VSC 900. The VSC 700 has 12 top and side cover screws plus 9 rear panel screws and 2 jack screw nuts (RS-232/422 connector).
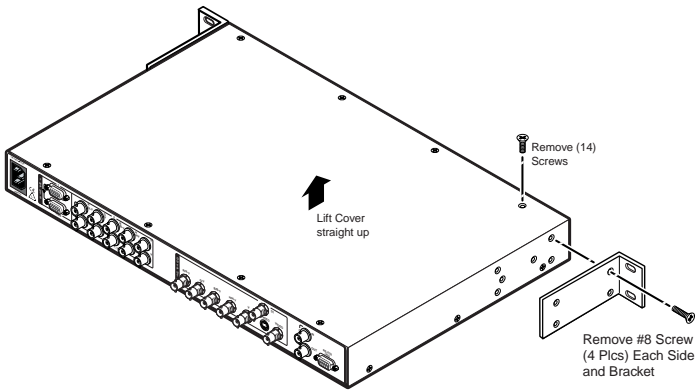

Remove (14) Screws

Lift Cover straight up

Remove #8 Screw (4 Plcs) Each Side and Bracket

Figure 1 — Removing the VSC 900 cover

4. Remove the cover by slightly lifting each side alternately until the cover is free.

Reverse this procedure to reinstall the cover after the SDI connector card has been installed.

CAUTION *Do not touch any switches or other electronic components inside the VSC. Doing so could damage the scan converter. Electrostatic discharge (ESD) can damage IC chips even though you cannot feel it. You must be electrically grounded. A grounding wrist strap is recommended.*

SDI Output Card installation

After following the instructions in "Cover removal" to remove the cover, do the following:

1. Locate the SDI card standoff located near the middle rear (VSC 900) or left rear (VSC 700) portion of the main circuit board (looking from above with the front panel nearest to you).
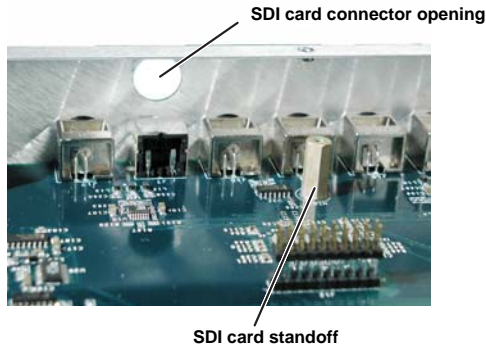
SDI card connector opening

SDI card standoff

Figure 2 — SDI card standoff and connector opening

2. Remove the plastic cap covering the SDI connector opening from the rear panel of the VSC, and position the SDI card at an angle with the SDI connector protruding from the rear SDI connector opening.

3. The SDI card has a 20-pin socket on the underside which must align with the 20 pins on the main circuit board. Be sure to align the pins properly, in order to prevent bending the pins, before pressing the SDI card firmly in place against the standoff. The mounting hole on the SDI card should now be directly over the standoff.
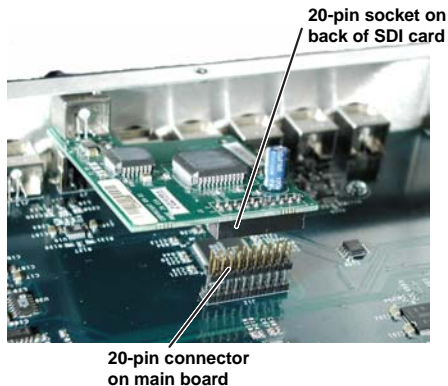
20-pin socket on back of SDI card

20-pin connector on main board

Figure 3 — SDI card situated above pins and standoff

4. Insert the card's installation screw through the SDI card's mounting hole, and gently tighten it into the standoff.

Figure 4 — SDI card mounted in place

5. Install the SDI connector's hex nut from the outside of the rear panel opening. Keep the SDI card from twisting as the nut is tightened.

6. Replace the top cover on the VSC, and fasten it with the screws which were removed in step 3 of the "Cover removal" section.

7. Rack/furniture mount the scan converter, and reconnect the AC power cord.

Part Numbers

Extron Part	Part Number
SDI Output Card Kit	70-065-02